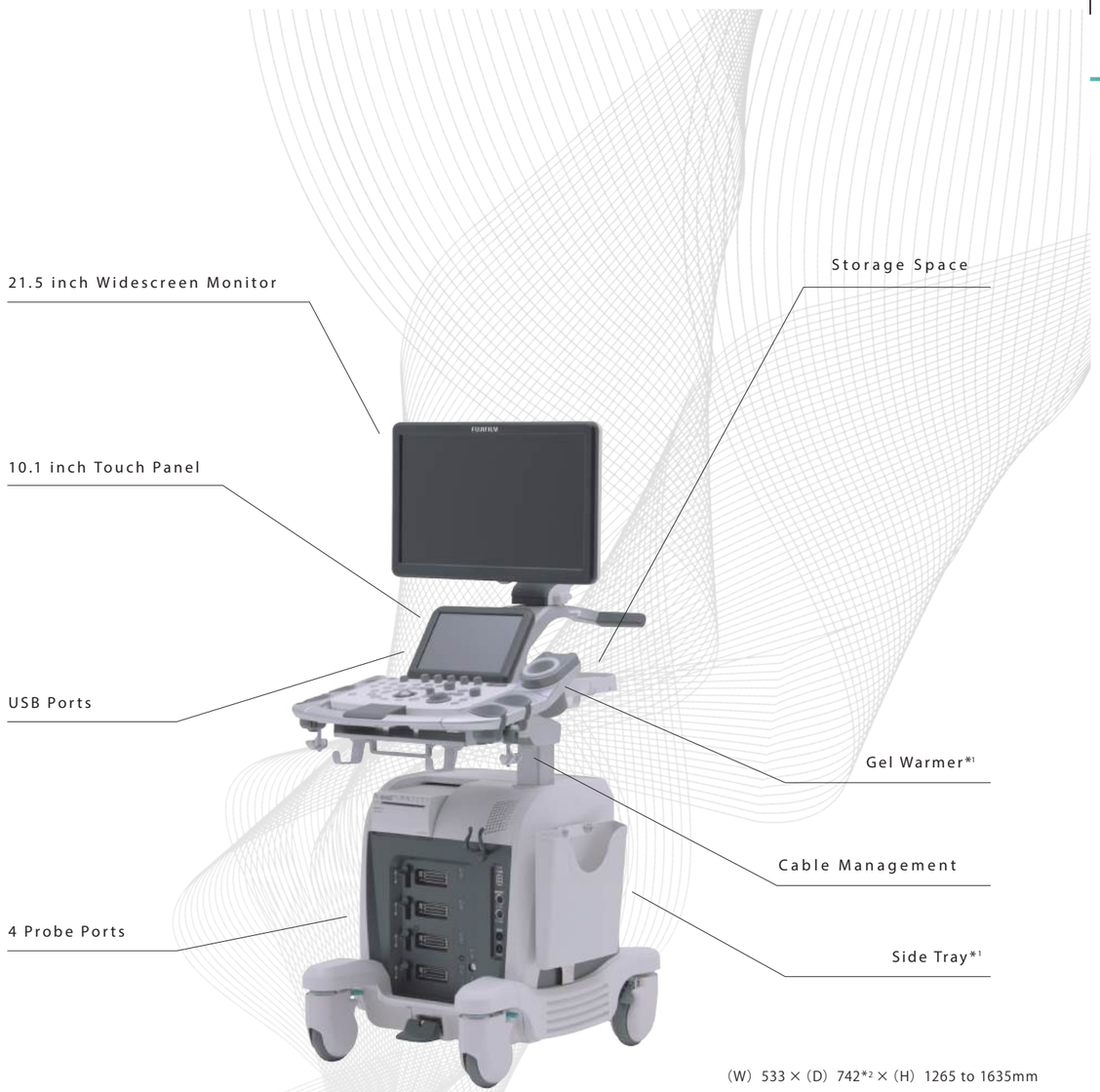

(W) 533 × (D) 742*2 × (H) 1265 to 1635mm

Weight: 85kg

HDD capacity: 500GB (Upgradable to 1TB*1)

Power Capacity: 750VA

Battery*1

*1 Option

*2 When monitor arm is folded

FUJIFILM

FUJIFILM Healthcare Corporation

9-7-3, Akasaka, Minato-ku, Tokyo 107-0052, Japan
https://www.fujifilm.com/fhc/en

FBU-E237

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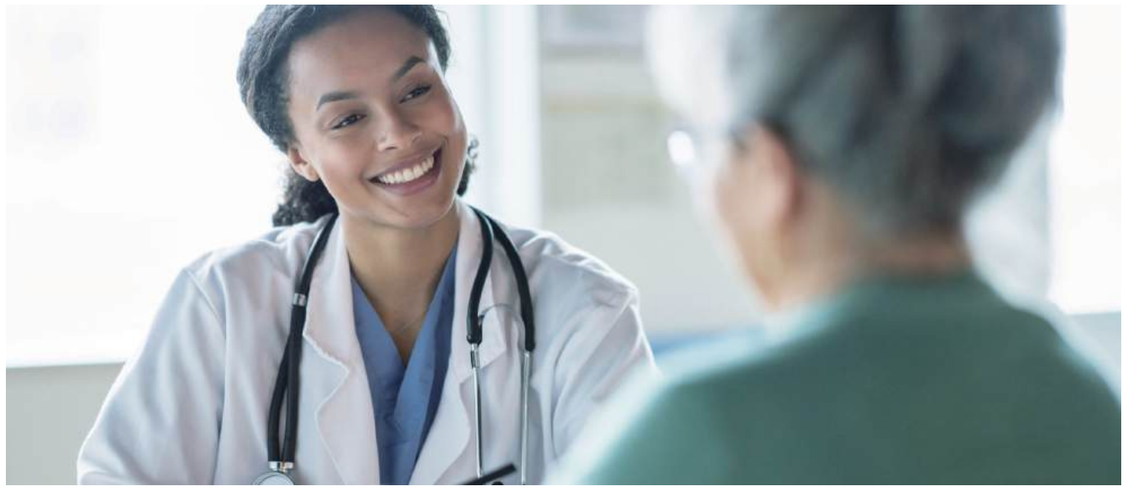
FUJIFILM
Value from Innovation



Streamline Your Practice

It's time to think the way you work.

Expertly designed to optimize productivity.

We believe that optimizing productivity can lead to improved outcomes, and that reproducible, precise imaging and a versatile system can make your ultrasound examinations more productive.
ARIETTA 65 makes such productive exams more realizable.
Under the concepts of Smooth Workflow, Superb Imaging, and Simple to use Applications, it helps you optimize productivity and streamline your practice.

SMOOTH WORKFLOW

SUPERB IMAGING

SIMPLE to use APPLICATIONS

ARIETTA 65

Sense and Visualize Ultrasound

SMOOTH WORKFLOW

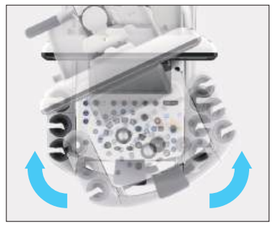
Streamlined features
for reproducible examinations
and efficient everyday operation

Ergonomic Design

Succeeds the ergonomic design perfected in our premium models to help you scan more comfortably.

360° Articulating Monitor Arm

Rotating Operator Console



Adjustable Panel Height

Streamlined Operating Console

Designed to facilitate routine examinations, the ARIETTA 65's operating console does not just simply reduce the number of physical keys. Button placement is optimized to prevent unnecessary, complicated, or accidental keystrokes.

Optimized Control Placement

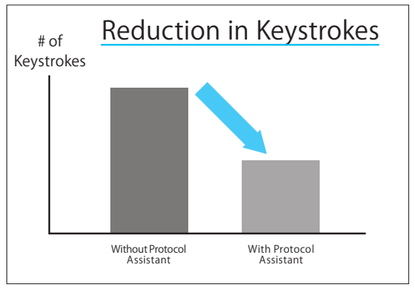
The most frequently used controls are placed around the trackball.

Easy Operation

The adoption of virtual TGC sliders contributes to the console's spacious layout and makes it easier to customize imaging parameters.

Protocol Assistant*1

Prompts you through the exam following your previously registered protocols. This significantly reduces keystrokes and prevents duplications or omissions as you add body marks or annotations. Additionally, a Guide View function allows the display of reference images for each step of the procedure. This function can be expected to unify the examination flows and be used as an education tool.



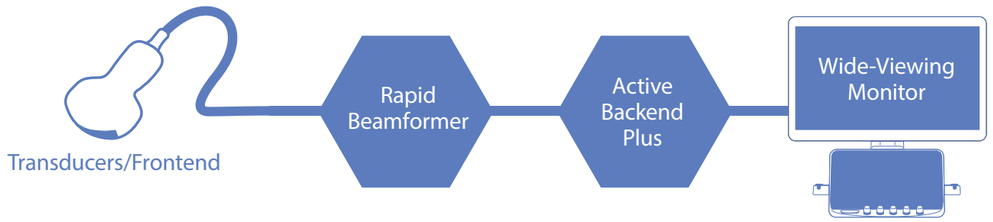
*1 Option

SUPERB IMAGING

Migration of our top-performing imaging technologies for enhanced diagnostic confidence and precision

PURE SYMPHONIC ARCHITECTURE

Inherited “Pure Symphonic Architecture”, the technology fostered in the ARIETTA brand to produce high quality “sound” without compromise. The combination of transducer/frontend, beamformer, backend, and monitor. ARIETTA 65 combines technologies to provide high contrast and high penetration images.



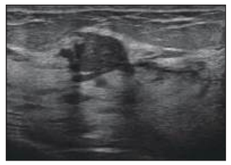
Carving Imaging

Images with "Clearer Visibility" are produced by our new image processing technology that enhances tissue structure visibility. Realizes stable imaging with less patient dependency.

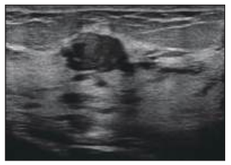
OFF

ON

OFF



ON



Trapezoidal Scanning

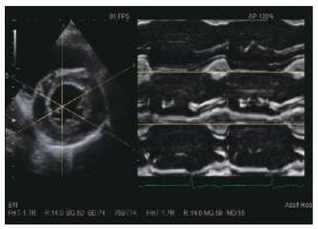
Offers a wider field of view with linear transducers, enhancing the visualization of vessels, organs, and the tissues around them.

*e*FLOW

High spatial resolution produces an accurate display of blood flow confined within the vessel walls, even in fine vessels.

Free Angular M-mode (FAM)*1

M-mode can be displayed using any cursor orientation, enabling the comparison of wall motion or valve excursion from multiple angles in the same heartbeat.



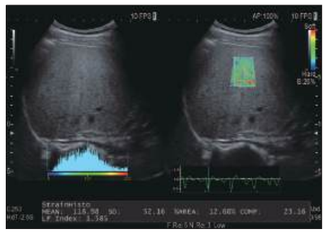
SIMPLE to use APPLICATIONS

Tools for diverse clinical use and detailed evaluation

RADIOLOGY

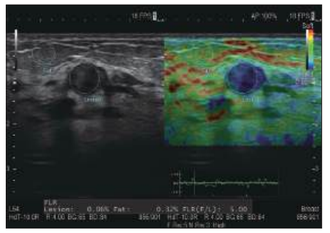
Real-time Tissue Elastography (RTE)*1

Assesses tissue strain in real time and displays the measured differences in tissue stiffness as a color map. Its application has been validated in a wide variety of clinical fields: for the breast, thyroid gland and urinary structures. Using the abdominal convex transducer, it can also provide an estimation of liver fibrosis staging in patients with hepatitis C (LF Index)*1.



HI Strain

HI Strain is an algorithm used to display an Elastography image more consistently than before. It is possible to display Elastography images with high continuity while maintaining temporal resolution and spatial resolution.

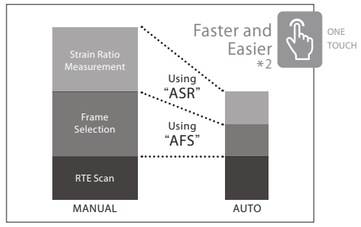


WORKFLOW

Auto Frame Selection(AFS)/Assist Strain Ratio(ASR)

Auto Frame Selection (AFS) picks out the appropriate frame for measurement in RTE. Assist Strain Ratio (ASR) automatically locates the measurement ROI in Fat Lesion Ratio (FLR)* measurement. Measurements can be performed more quickly and easily.

*FLR = Fat/Lesion
Ratio of lesion to subcutaneous fat strain



Shear Wave Measurement (SWM)/Attenuation (ATT)*1

It is possible to evaluate tissue stiffness by generating shear waves and measuring Vs, its propagation velocity in the tissue. SWM provides a reliability indicator, VsN, which allows the operator to judge the validity of measurement numerically. Additionally, ATT, the indicator to estimate the degree of steatosis, is measured simultaneously.

Contrast Harmonic Imaging (CHI)*1

Widely-used imaging technique that provides homogeneous enhancement throughout the field of view to enhance diagnostic capability.

*1 Option
*2 Approximation based on internal study

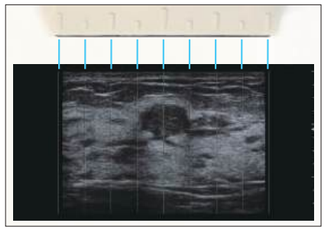
RADIOLOGY

Needle Emphasis (NE)

Automatically adjusts the deflection angle of beams and images to enhance needle visibility and assist in safe and accurate punctures.

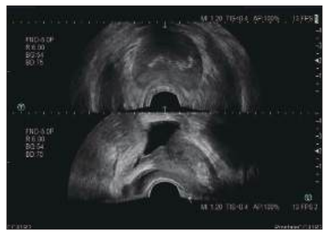
Marking Assist

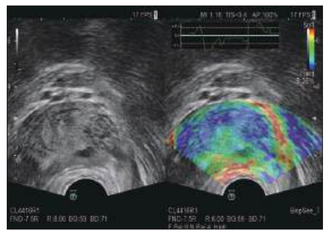
Lines displayed in B-mode imaging correspond to markers on the transducer head.



Transrectal Transducer

It is possible to display short and long axis images of the prostate side by side in real time. A wide range observation can be achieved with a viewing angle of 180 degrees (200 degrees with Wide Scanning).





Courtesy of : Dr. Sunao Shoji, Department of Urology, Tokai University School of Medicine

SURGERY

Intraoperative Transducers

Versatile transducers are prepared by application: a convex transducer held between users' fingers, a laparoscopic transducer held with forceps.

※ CHI compatible intraoperative transducers

Contrast Harmonic Imaging (CHI)*1

Some transducers support intraoperative contrast-enhanced ultrasound, which is useful to detect a lesion and secure a resection margin in surgical operations.

WOMEN'S HEALTH

3D/4D *1

3D/4D images play an active role as a communication tool to make the mother feel close to the baby. The 4Dshading technology gives a more realistic appearance to the rendered surface of the fetus, and delineates clear 3D/4D images.

CARDIOVASCULAR

WORKFLOW

Cardiac Functions

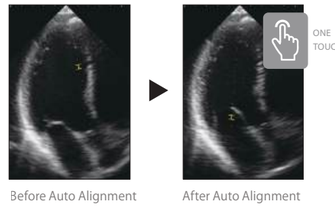
Equipped with automated tools for faster, smoother cardiovascular examination, built on data acquired by our premium systems.

Automated ED/ES Detection

Automatically displays ED and ES frames in split screen view.

Automated Sample Gate Alignment

Automatically sets the cursor position of the sample volume gate.

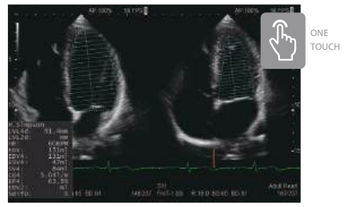


Before Auto Alignment

After Auto Alignment

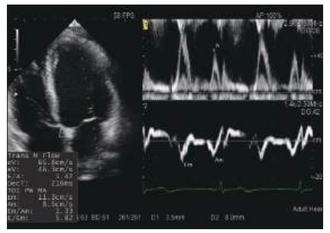
Automated Measurements*1

Automatically measures values used in calculations to assess cardiac function, such as EF.



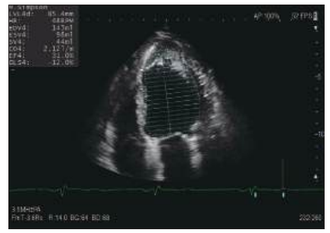
Dual Gate Doppler

Makes it possible to observe Doppler waveforms from two locations simultaneously. This enables LV diastolic performance indicators, such as the E/e' Ratio, to be measured during the same heartbeat.



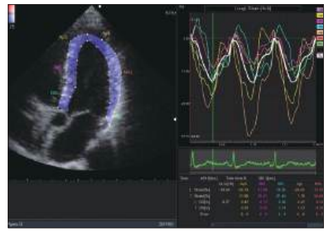
Global Longitudinal Strain (GLS)

Recent interest has been shown in the GLS, the ratio of change in LV endocardium length, which can be altered significantly in patients with heart failure even when a normal Ejection Fraction (EF) is maintained.



2D Tissue Tracking (2DTT) *1

Speckle tracking technique that quantifies and analyzes movement of the entire left ventricle or local movement of the myocardium.



Auto IMT *1

Automatically measures the Intima-Media Thickness (IMT) following the placement of an ROI on the long axis view of the carotid artery.

WORKFLOW

Auto EFW *1

By analyzing the characteristics of the target and providing automatic setting of the measurement point, Auto EFW (Estimated Fetal Weight) facilitates measurement of one of parameters for fetal growth evaluation.

*1 Option